

INFORMATION REPORT

REPORT

CD NO.

COUNTRY: Germany (Russian Zone)
 SUBJECT: Calcium Production at the
 Elektrochemisches Kombinat, Bitterfeld

DATE DISTR. 7 SEP 50

NO. OF PAGES 2

PLACE
ACQUIRED

DATE OF
INFO.

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THIS IS UNEVALUATED INFORMATION

50X1-HUM

1. Production of crude calcium in the North Factory of the Elektrochemisches Kombinat Bitterfeld has ceased. Crude calcium is still being manufactured in the South Factory, but it is believed that this will also cease during the summer.
2. Analyses of distilled calcium in the analytical laboratory have shown that the product does not meet the specifications set by the Russians. The copper content, maximum permissible value 0.02 per cent, has been reported as 0.002 per cent after spectral analysis, but chemical analysis has shown that it is actually 0.05 - 0.07 per cent. Similarly, manganese content, reported after spectral analysis as being about 0.003 per cent, has been shown by chemical analysis to be about 0.03 per cent. The Russian officers of the plant are aware of this.
3. Batches are not yet being analyzed for boron and lithium content, since the analysis methods have not been completely worked out.
4. No calcium has been shipped to the USSR during the period under review, and batches [redacted] are now in store in the Shipping Station.

50X1-HUM

5.	Net weight (kg.)	Date of manufacture	Remarks
	2711	21:3:50	Crude
	2714	24:3:50	Crude
	1870	15:3:50	Distilled
	1856	16:3:50	Distilled
	1879	18:3:50	Distilled
	1767	19:3:50	Distilled
	2765	27:3:50	Crude
	2786	30:3:50	Crude
	1828	21:3:50	Distilled
	1765	23:3:50	Distilled
	1743	26:3:50	Distilled
	1713	27:3:50	Distilled
	2701	2:4:50	Crude
	2691	5:4:50	Crude
	1765	29:3:50	Distilled

50X1-HUM

50X1-HUM

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 No Change in Class. ☐
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50X1-HUM

CENTRAL INTELLIGENCE AGENCY

50X1-HUM

	Net weight (gms)	Date of manufacture	Purpose
	1374	31:3:50	Distilled
	1726	2:4:50	Distilled
	2688	3:4:50	Crude

(N.B. The dates are those on which distillation or electrolysis of the batch ended.)

6. The official analysis of distilled calcium was as follows:

Calcium	99.38
Silicon	0.01
Iron	0.0004
Aluminum	0.003
Magnesium	0.003
Manganese	0.0003
Copper	0.0002
Nitrogen	0.005
Chlorine	0.18

50X1-HUM

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